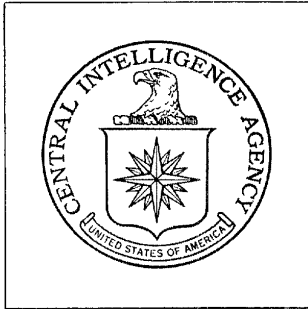


Top Secret



DIRECTORATE OF
INTELLIGENCE

Industrial Facilities
(Non-Military)

Basic Imagery Interpretation Brief

Shang-hai Heat and Thermal Power Plant (Wu-ching)

Shang-hai, China



25X1A

*Handle via Talent-Keyhole
Channels Only*

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DECLASS REVIEW by NIMA/DOD

WARNING

This document contains information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793, 794.

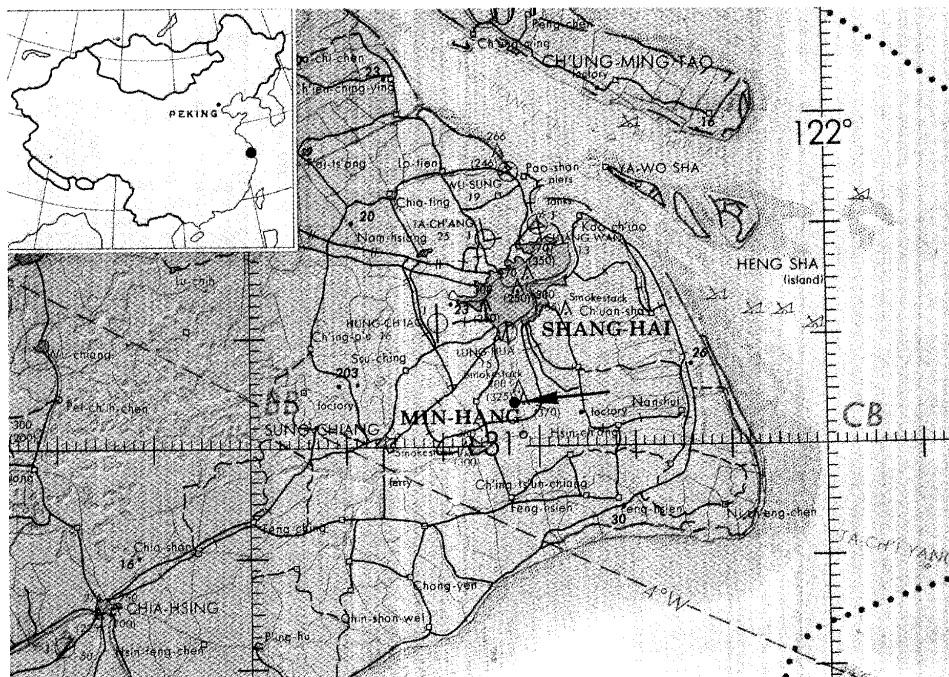
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GROUP 1
EXCLUDED FROM AUTOMATIC
DOWNGRADING AND
DECLASSIFICATION

INSTALLATION OR ACTIVITY NAME		COUNTRY	
Shang-hai Heat and Thermal Power Plant (Wu-ching)		CH 25X1A	
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC NO.	
51RUE539378	31-03-42N 121-28-06E	0492-48-C1	
MAP REFERENCE			
2nd RTS. USATC Series 200, Sheet M0492-7HL, 3rd edition, May 68, Scale 1:200,000			
(SECRET NO FOREIGN DISSEM)		CONTROLLED DISSEM 25X1C	
LATEST IMAGERY USED		NEGATION DATE (If required)	
KH 1106-2, 11 February 1969		Not Required	

INTRODUCTION

The Shang-hai Heat and Thermal Power Plant (Wu-ching) is located approximately 8 nautical miles south of the center of Shang-hai on the west bank of the Huang-pu Chiang (River).



BASIC DESCRIPTION

The plant is bounded by the Huang-pu Chiang (River) on the east and is secured by a wall on the other three sides. It occupies an area measuring approximately 2,080 by 1,685 feet. The plant is coal operated and has extensive coal off-loading and storage facilities adjacent to the river. A rail spur enters the plant but does not service the coal conveyors and preparation facilities.

Between [REDACTED] the date of the latest imagery used in the referenced report, [REDACTED] the boilerhouse was enlarged and an additional double boiler unit was installed. On imagery of [REDACTED] another addition to the boilerhouse and an addition to the generator hall were observed in early stages of construction. When these additions are complete, the plant will have eight boilers and possibly eight turbogenerators.

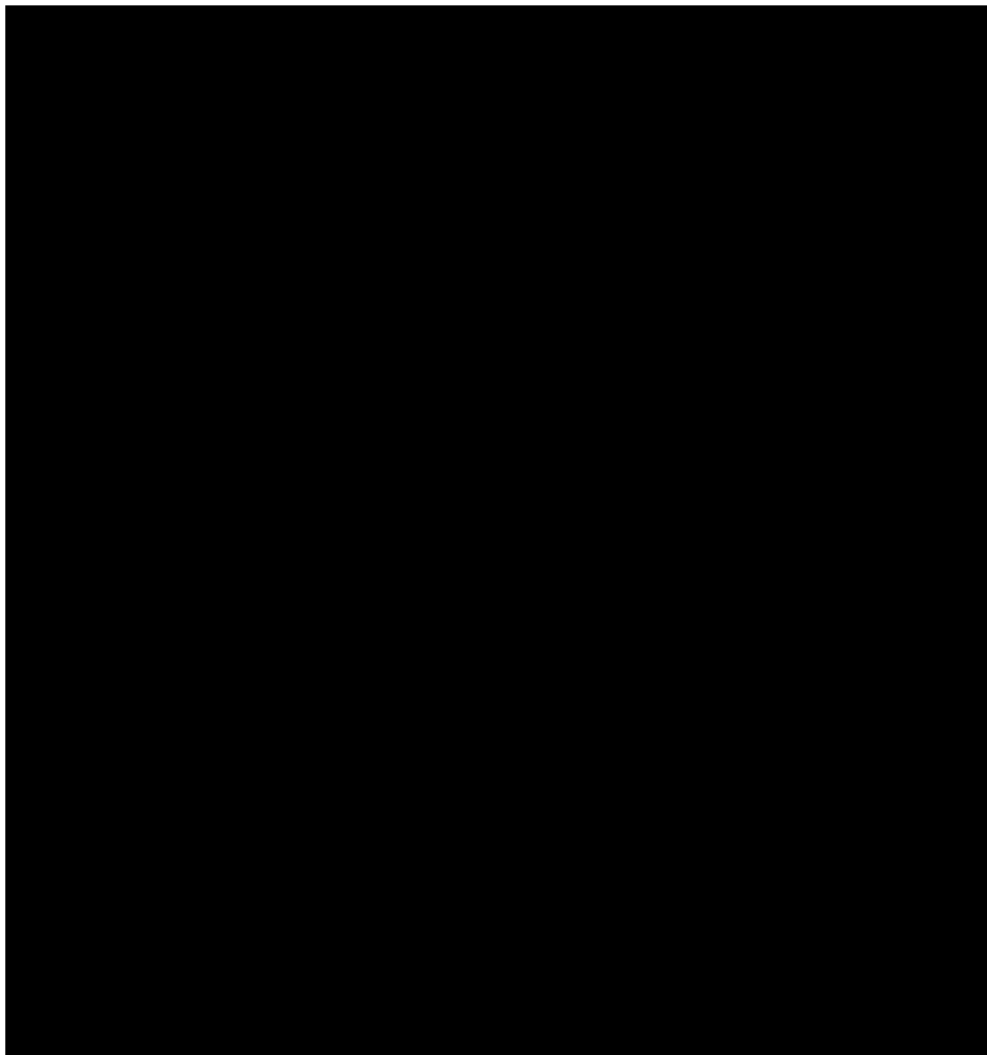
25X1D

On all referenced imagery except [REDACTED] light to moderate smoke was observed emanating from the southern stack attached to the boilerhouse, while heavy smoke was emanating from the northern stack. On imagery of [REDACTED] no smoke was observed emanating from the plant, but an adequate supply of coal was available.

25X1D

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Key to Annotations

<u>Item No.</u>	<u>Description</u>	<u>Measurements (ft)</u>	<u>Remarks</u>
1	Coal Off-loading Facility		
2	Control House		
3	Switching Yard		8 Transformers
4	Possible Control House	240 x 40	
5	Condenser Water Discharge		
6	Generator Hall	675 x 100	7 Turbogenerators
7	Boilerhouse	460 x 100	7 Boiler Units
8	Coal Conveyors and Preparation Facility		
9	Coal Stockpile		

REFERENCES

25X1D



Maps

2nd RTS. US Air Target Chart Series 200, Sheet M0492-7HL, 3rd edition,
May 68, Scale 1:200,000 (SECRET NO FOREIGN DISSEM [REDACTED]
[REDACTED] CONTROLLED DISSEM)

25X1C

ACIC. USAF Operational Navigation Chart, Sheet H-12, 4th edition, Apr 66,
Scale 1:1,000,000 (UNCLASSIFIED)

Documents

I. CIA. PIR 75018, Chinese Power Plants, Kiangsu Province and Shang-hai
Municipality, July 1966, TCS 4185/66 (TOP SECRET RUFF)

Requirement

EXSUBCOM - BR-N/002-69

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Approved For Release 2001/09/04 : CIA-RDP79T00909A000100010035-4



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